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METEOROLOGICAL OBSERVATIONS FOR FEB., 1840.

Chiswick.—Feb. 1. Cloudy: rain. 2. Very fine. 3. Rain. 4. Boisterous with rain. 5. Rain: clear. 6. Rain: cloudy. 7. Rain. 8. Heavy showers. 9. Fine. 10. Heavy showers: clear and very fine at night. 11. Fine. 12. Rain. 13. Very fine. 14. Foggy. 15. Frosty: rain. 16. Hazy and mild. 17. Dense fog. 18. Dry cold haze. 19. Clear and cold. 20. Cloudy, with some snow-flakes falling. 21. Bleak and cold. 22. Overcast. 23. Cold and dry. 24. Fine but cold. 25. Frosty haze. 26. Cold haze. 27. Cloudy, cold and dry. 28, 29. Fine but cold.

Boston.—Feb. 1. Cloudy: rain P.M. 2. Fine: rain early A.M. 3. Stormy: rain early A.M. 4. Stormy: rain early A.M.: rain P.M. 5. Cloudy: rain P.M. 6. Cloudy. 7. Cloudy: rain early A.M.: rain P.M. 8. Fine: rain and snow P.M. 9. Fine. 10. Rain. 11. Fine. 12—15. Fine: rain P.M. 16, 17. Cloudy. 18. Fine. 19. Cloudy: snow A.M. and P.M. 20. Cloudy: snow A.M. 21. Cloudy: snow melted. 22. Cloudy. 23—27. Fine. 28. Cloudy. 29. Fine.

Applegarth Manse, Dumfries-shire.—Feb. 1. Frequent showers. 2. Frequent showers: snow gone. 3. Frequent showers. 4, 5. Shower A.M.: fair rest of the day. 6. Rain very early: fine day. 7. Heavy rain A.M.: stormy P.M. 8. Occasional showers of rain and hail. 9, 10. Occasional showers of rain and hail with high wind P.M. 11. Fine day: a few drops of rain. 12. Storm of wind and rain P.M. 13. Fine day: no rain. 14. Fine day, but cloudy. 15. Wet morning: cleared up P.M. 16. Calm, cloudy, and mild. 17, 18. Fine A.M.: grew cloudy and sharp. 19. Cold easterly wind, but fair. 20. Cold easterly wind with slight frost and snow showers. 21. Cold easterly wind: frost: threatening snow. 22—24. Cold easterly wind: still frosty: sprinkling snow. 25. Cold easterly wind. 26. Beautiful sunny day, but still frosty. 27. Beautiful sunny day: frost very keen. 28. Cloudy all day: but still freezing. 29. Fine frosty day.

Sun shone out 25 days. Rain fell 13 days. Snow 2 days. Frost 10 days. Wind north-easterly 6 days. Easterly $3\frac{1}{2}$ days. South-easterly 7 days. Southerly $3\frac{1}{2}$ days. South-westerly $8\frac{1}{2}$ days. West 1 day. Calm $14\frac{1}{2}$ days. Moderate 8 days. Brisk $1\frac{1}{2}$ day. Strong breeze 2 days. Boisterous 3 days.

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